INTERNATIONAL SEARCH REPORT

national Application No PCT/FR2005/050056

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01N31/10 G06F17/40 G06F17/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 G01D B01J C07B G01N G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

| Category ° | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X | GB 2 327 754 A (JOHNSON MATTHEY PLC) 3 February 1999 (1999-02-03) | 3,6-8,17 |
| Y | examples | 1,2,4,5, 9-13,15 |
| X | US 2002/182735 A1 (KIBBY CHARLES L ET AL) 5 December 2002 (2002-12-05) | 3,6-8, 14,16,17 |
| Y | paragraphs '0017! - '0021! | 1,2,4,5, 9-13,15 |
| | paragraphs '0080! – '0100! claims | |
| X | US 2002/141900 A1 (HAUSHALTER ROBERT C ET AL) 3 October 2002 (2002-10-03) | 3,6-8,17 |
| Y | example 3; tables 2,3 | 1,2,4,5, 9-13,15 |
| | | |
| | -,- - | |
| | | |

| X Further documents are listed in the continuation of box C. | Patent family members are listed in annex. |
|--|---|
| Special categories of cited documents: 'A' document defining the general state of the art which is not considered to be of particular relevance 'E' earlier document but published on or after the international filling date 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) 'O' document reterring to an oral disclosure, use, exhibition or other means 'P' document published prior to the international filing date but later than the priority date claimed | "T" later document published after the international filing date or priority date and not in conflict with the application but clied to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family |
| Date of the actual completion of the international search 23 June 2005 | Date of mailing of the international search report 08/07/2005 |
| Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 | Authorized officer Österle, C |

INTERNATIONAL SEARCH REPORT

national Application No PCT/FR2005/050056

| | | PC1/FR200 | 5/ 050050 |
|---------------------------|---|-----------|-----------------------|
| C.(Continua Category ° | ation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages | | Relevant to claim No. |
| X | KUO P Y ET AL: "A planning module for performing grid search, factorial design, and related combinatorial studies on an automated chemistry workstation" CHEMOMETRICS AND INTELLIGEMT LABORATORY SYSTEMS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 48, no. 2, 2 August 1999 (1999-08-02), pages 219-234, XP004171922 ISSN: 0169-7439 *scénarios 1 et 4* | | 3 |
| Y | HINZEN, B.: "Combinatorial Chemistry A practical approach" 2000, WILEY-VCH, WEINHEIM, GERMANY, XP002333109 page 239 - page 242 | | 1,2,4,5,9-13,15 |
| | | | |
| | | | |

INTERNATIONAL SEARCH REPORT

Information on patent family members

PCT/F R2005/050056

| | | | | date |
|-----------------|--------------|----------|--|--|
| GB 2327754 / | 03-02-1999 | NONE | | |
| US 2002182735 / | 1 05-12-2002 | AU WO | 8307601 A 0214854 A1 | 25-02-2002 21-02-2002 |
| US 2002141900 / | 1 03-10-2002 | WO US | 6869799 B1 6149882 A 219968 T 4228999 A 2297725 A1 69901996 D1 69901996 T2 1001846 T1 1245281 A2 1001846 A1 2178442 T3 3377988 B2 2002517735 T 9964160 A1 6395552 B1 2001051110 A1 | 22-03-2005 21-11-2000 15-07-2002 30-12-1999 16-12-1999 08-08-2002 31-10-2002 14-09-2000 02-10-2002 24-05-2000 16-12-2002 17-02-2003 18-06-2002 16-12-1999 28-05-2002 13-12-2001 |

Form PCT/ISA/210 (patent family annex) (January 2004)